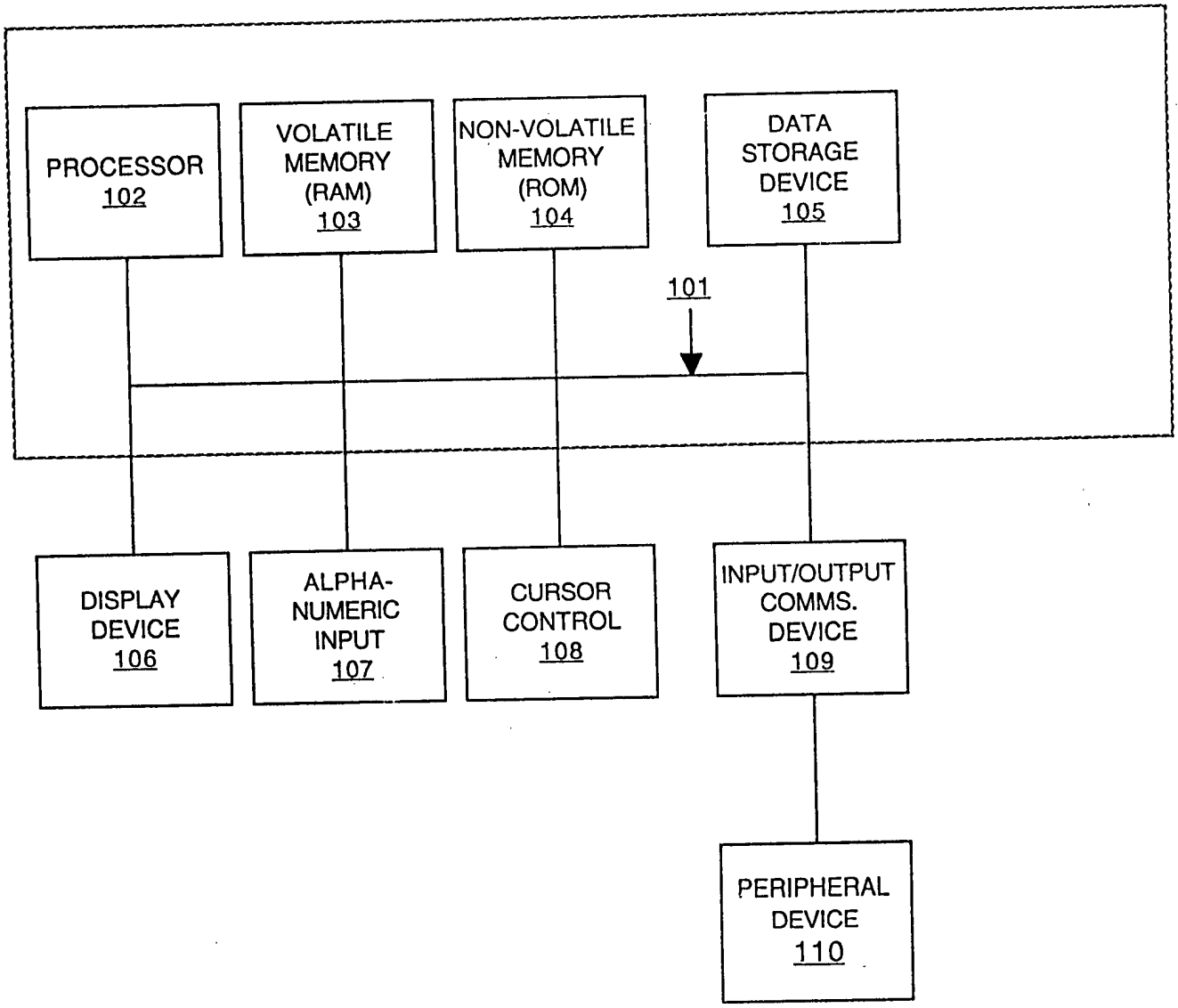
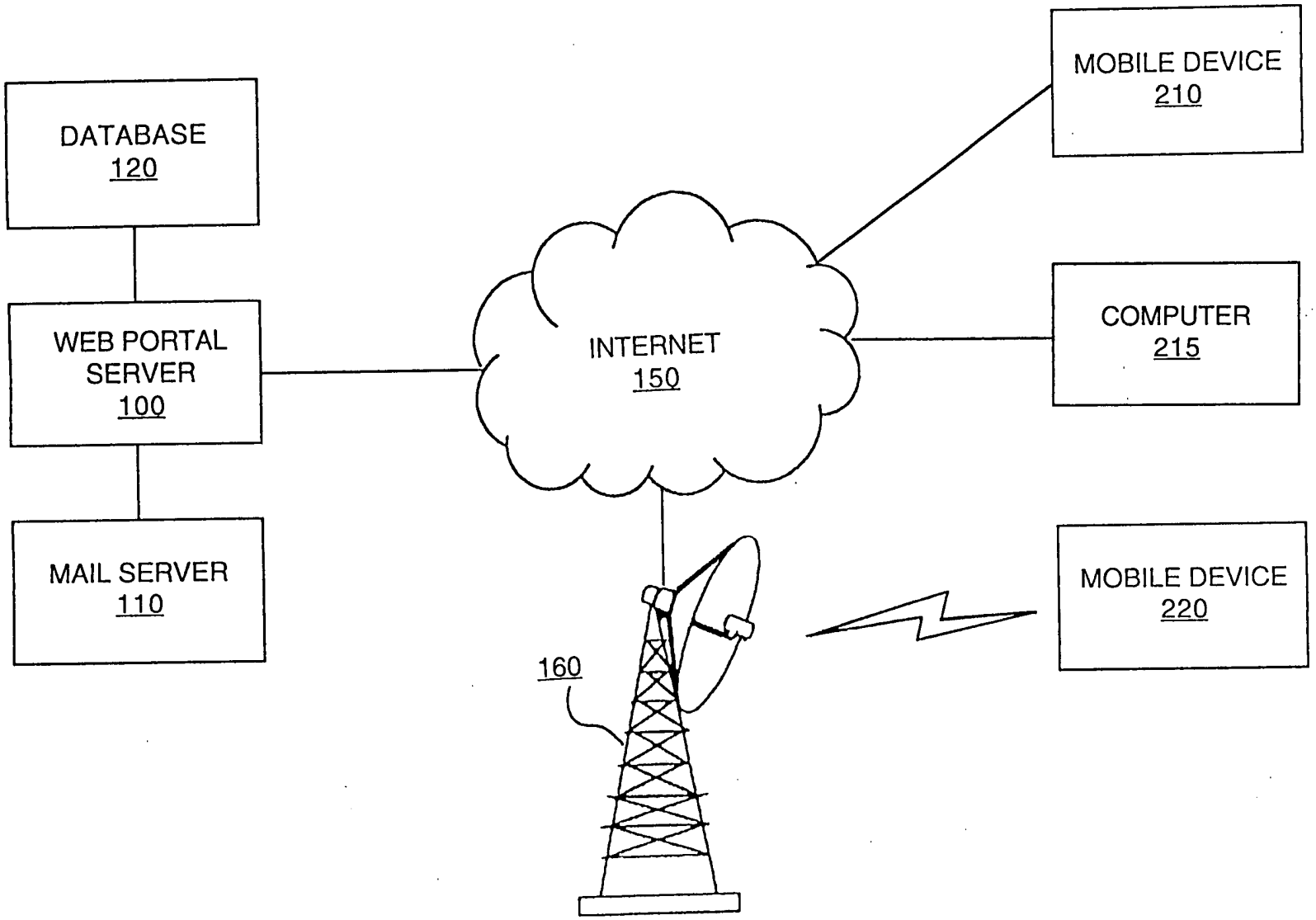
100

Figure 1


PROCESSOR
102
VOLATILE
MEMORY
(RAM)
103
NON-VOLATILE
MEMORY
(ROM)
104
DATA
STORAGE
DEVICE
105
101
DISPLAY
DEVICE
106
ALPHA-
NUMERIC
INPUT
107
CURSOR
CONTROL
108
INPUT/OUTPUT
COMMS.
DEVICE
109
PERIPHERAL
DEVICE
110

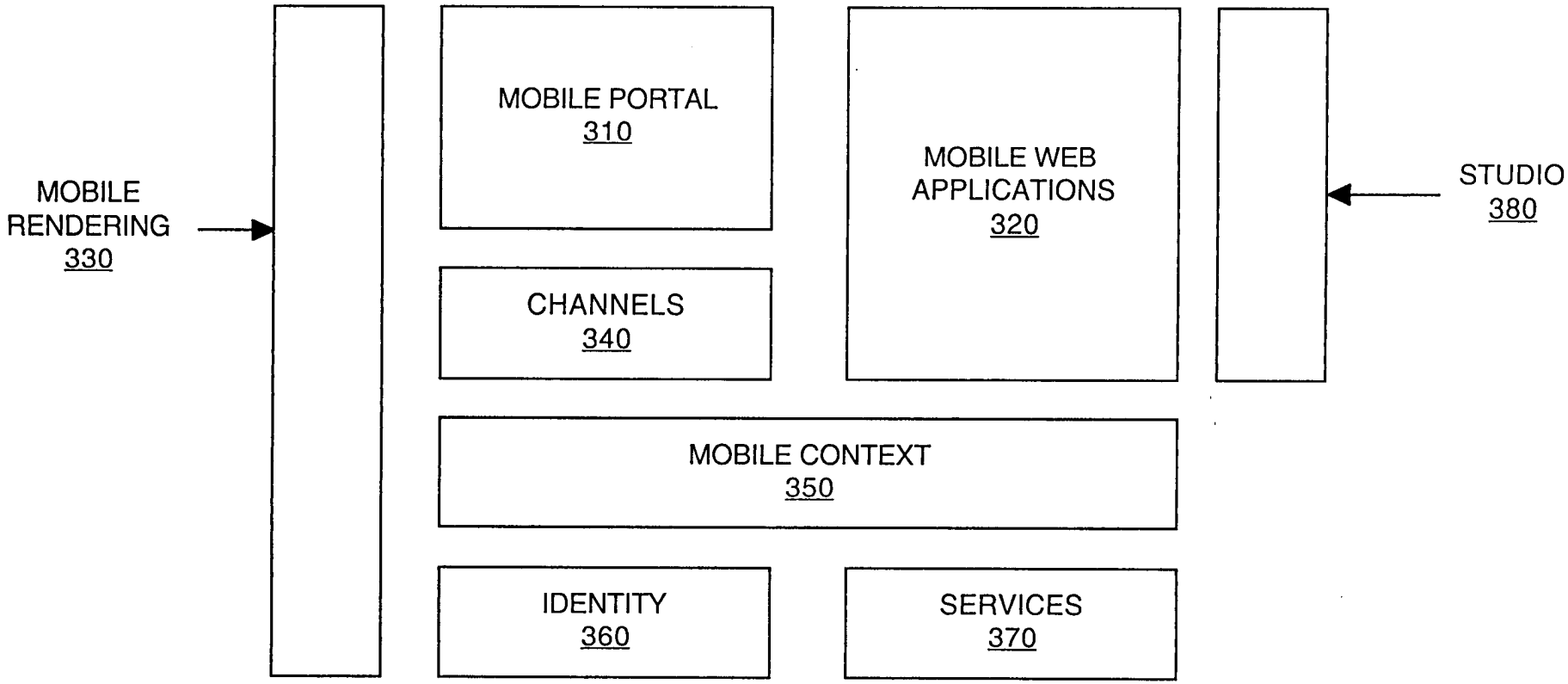
200

FIGURE 2


DATABASE
120
WEB PORTAL
SERVER
100
MAIL SERVER
110
INTERNET
150
MOBILE DEVICE
210
COMPUTER
215
MOBILE DEVICE
220
160

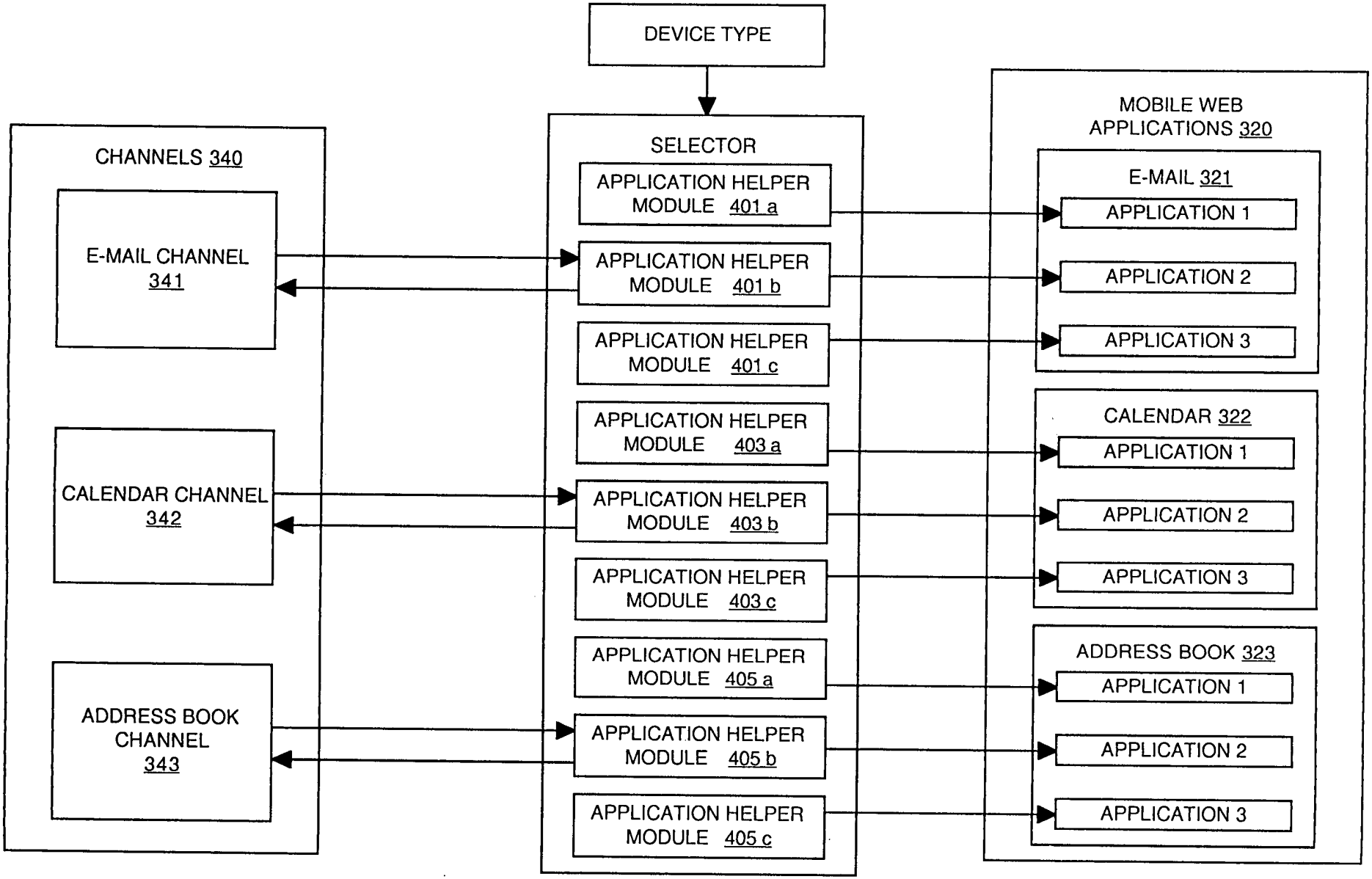
300

FIGURE 3


MOBILE RENDERING
330
MOBILE PORTAL
310
CHANNELS
340
MOBILE WEB APPLICATIONS
320
STUDIO
380
MOBILE CONTEXT
350
IDENTITY
360
SERVICES
370

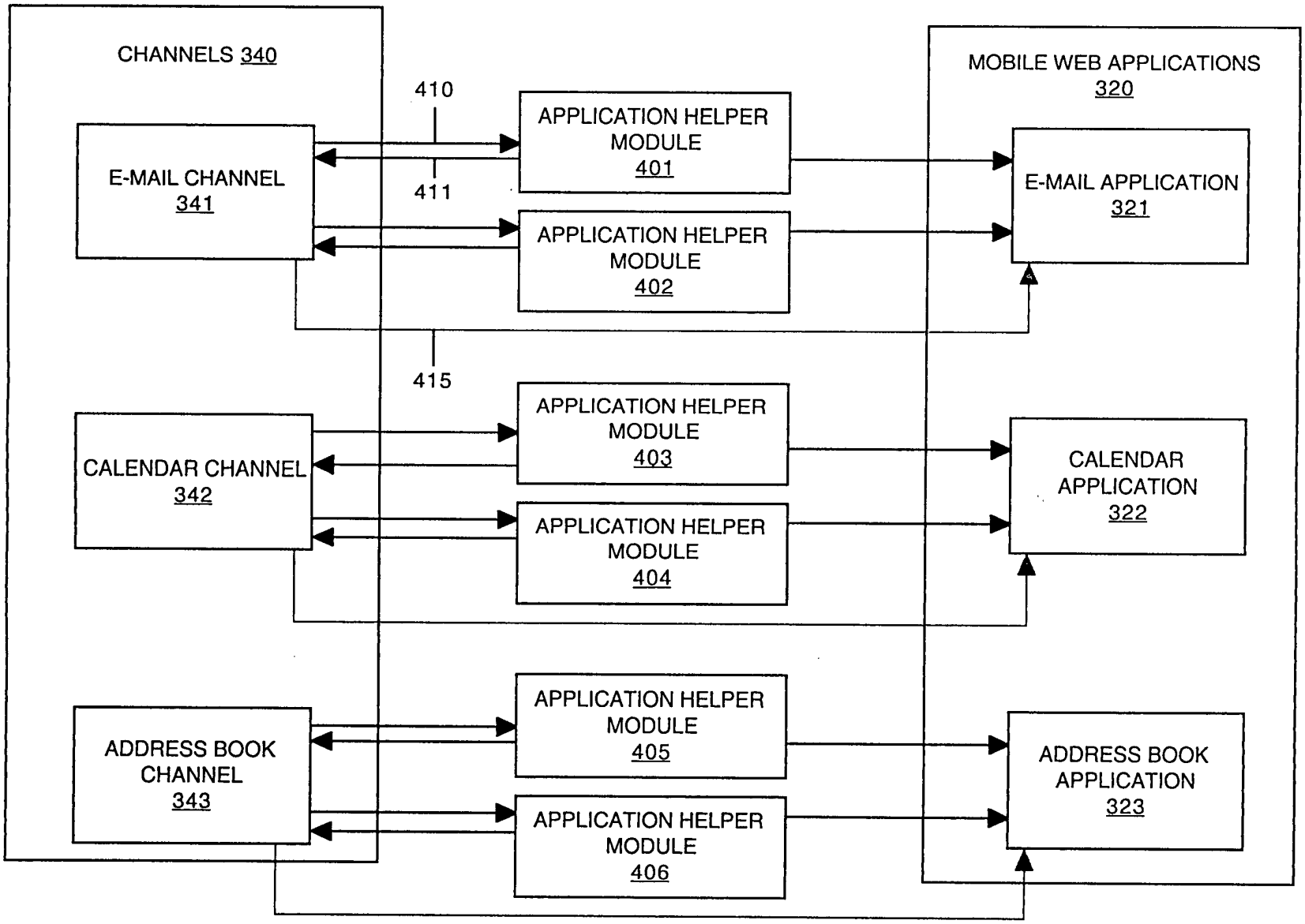
400

FIGURE 4A



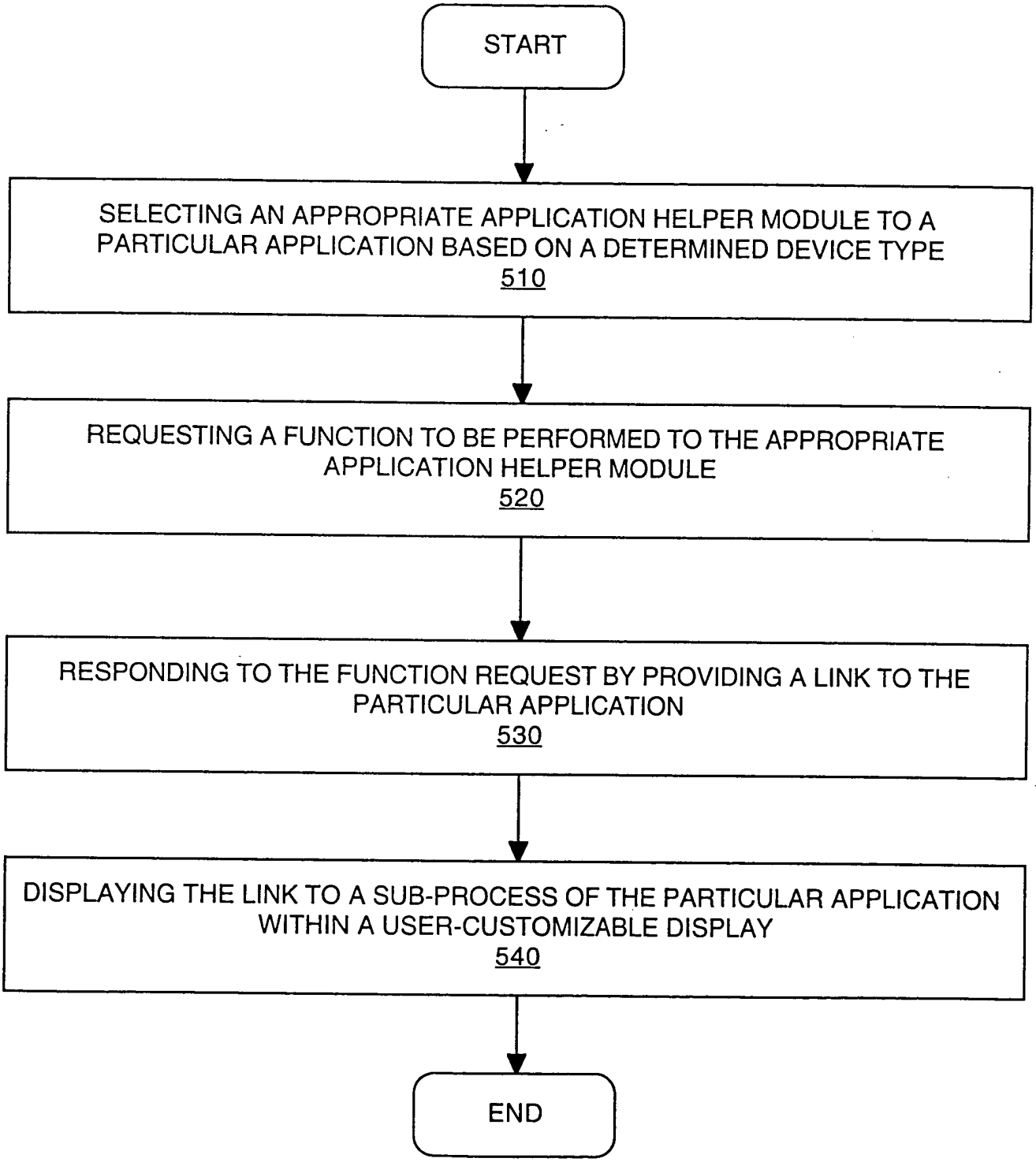
400

FIGURE 4B



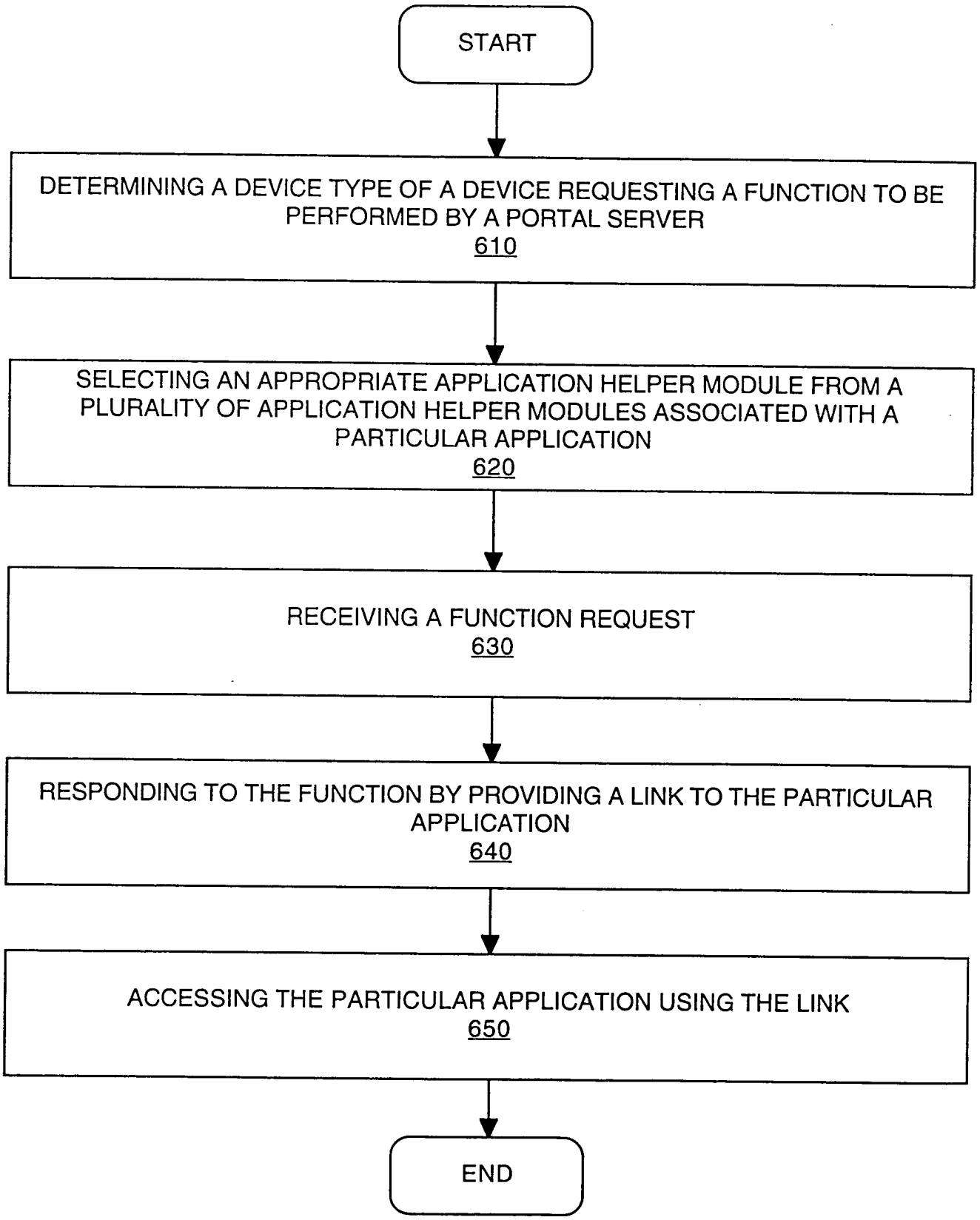
500

FIGURE 5


START
SELECTING AN APPROPRIATE APPLICATION HELPER MODULE TO A PARTICULAR APPLICATION BASED ON A DETERMINED DEVICE TYPE
510
REQUESTING A FUNCTION TO BE PERFORMED TO THE APPROPRIATE APPLICATION HELPER MODULE
520
RESPONDING TO THE FUNCTION REQUEST BY PROVIDING A LINK TO THE PARTICULAR APPLICATION
530
DISPLAYING THE LINK TO A SUB-PROCESS OF THE PARTICULAR APPLICATION WITHIN A USER-CUSTOMIZABLE DISPLAY
540
END

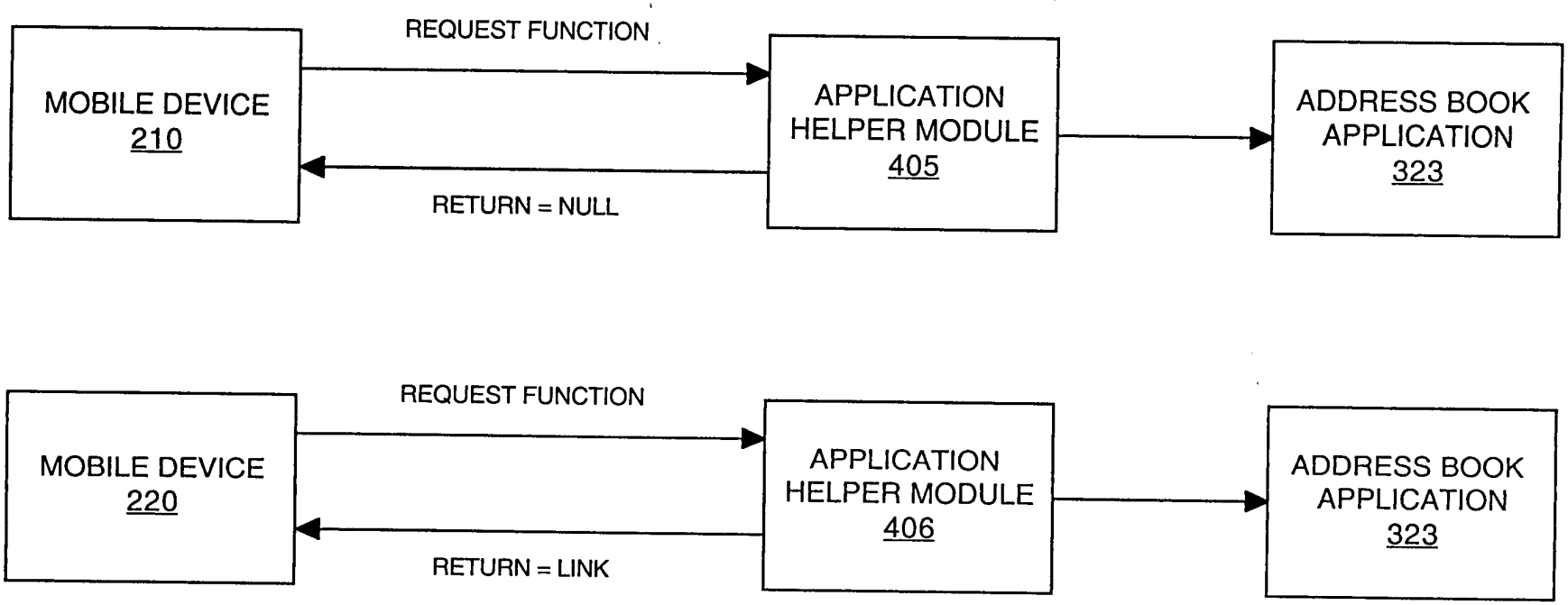
600

FIGURE 6


START
DETERMINING A DEVICE TYPE OF A DEVICE REQUESTING A FUNCTION TO BE PERFORMED BY A PORTAL SERVER
610
SELECTING AN APPROPRIATE APPLICATION HELPER MODULE FROM A PLURALITY OF APPLICATION HELPER MODULES ASSOCIATED WITH A PARTICULAR APPLICATION
620
RECEIVING A FUNCTION REQUEST
630
RESPONDING TO THE FUNCTION BY PROVIDING A LINK TO THE PARTICULAR APPLICATION
640
ACCESSING THE PARTICULAR APPLICATION USING THE LINK
650
END

700

FIGURE 7


REQUEST FUNCTION
MOBILE DEVICE
210
APPLICATION
HELPER MODULE
405
ADDRESS BOOK
APPLICATION
323
RETURN = NULL
REQUEST FUNCTION
MOBILE DEVICE
220
APPLICATION
HELPER MODULE
406
ADDRESS BOOK
APPLICATION
323
RETURN = LINK